

Title (en)
Synergistic stabiliser mixture

Title (de)
Synergistisches Stabilisatorgemisch

Title (fr)
Mélange de stabilisateurs synergistique

Publication
EP 0754723 B1 19990428 (DE)

Application
EP 96810455 A 19960712

Priority
CH 217495 A 19950721

Abstract (en)
[origin: EP0754723A1] Stabiliser mixt. contains at least two different N-hydroxy- or N-(cyclo)alkoxy-2,2,6,6-tetramethyl-4-piperidyl-substd. cpds. These are selected from: (a) esters (Q-O-CO)n1R2 (I), (b) s-triazinyl-amines (II); (c) s-triazines (III); (d) amino-s-triazinyl-amines (IV); (e) siloxanes (V); (f) a prod. obtd. by reacting a reaction prod. of a polyamine H2N-(CH2)n4'-NH-(CH2)n4"-NH-(CH2)n4'''NH2 (VIA) and cyanuric chloride with an amine (VIB) and conversion to a cpd. contg. the N-substd. gps. Q; (g) maleimide co-oligomers or copolymers (VII); (h) succinimides (VIII); (i) di- or poly-ethers (IX) with spiro gps. on the side chains; (j) spiro cpds. (X); (k) (poly)esters (XI); and (l) isocyanuric acid derivs. (XII); in which Q = a gp. of the formula (XIII); R1 = H; 1-18 C alkyl; or 5-12 C alkyl, opt. substd. by 1-4 C alkyl; n1 = 1, 2 or 4; if n1 = 1, R2 = 1-25 C alkyl; if n1 = 2, R2 = 1-14 C alkylene; if n1 = 4, R2 = 4-10 C alkanetetrayl; n4', n4'', n4''' = 2-12. Also claimed are compsns. contg. organic material sensitive to oxidative, thermal or photo-degradation and the stabiliser mixt.

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IPC 8 full level
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CPC (source: EP KR US)
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Cited by
DE10150793B4; DE10003866B4; DE10003866B8; WO2005090307A1; WO9929684A1; WO9905206A3; WO0018833A1

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